

L5 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 2001:874633 CAPLUS

DN 135:373069

TI Waterborne and waterproofing coating compositions for construction materials

IN Cai, Zhaolin

PA Peop. Rep. China

SO Faming Zhuanli Shengqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

IC ICM C09D121-02

ICS C09D005-16

CC 42-10 (Coatings, Inks, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1290729	A	20010411	CN 2000-132253	20001113
PRAI	CN 2000-132253		20001113		

AB The compns. comprise: rubbery latex 35-45, casein 1.5-3, NaOH 1-2, ammonia water (18-28%) 0.6-0.8, emulsifying agent 0.5-1, stearic acid 3.5-4, paraffin wax 3-4, neoprene latex

1.5-2.5, promotor TT 0.3-0.4, antioxidant 1.5-2.5, ZnO 0.5-1, sepiolite 0.5-1.5, asbestos powder 0.5-1, titanium white powder 0.5-1.5, light CaCO₃ 0.5-1, Na benzoate 1-1.5, poly(vinyl alc.) 15-25, and soft water 12-20%.

ST neoprene latex waterborne waterproofing construction coating compn

IT Coating materials

(water-resistant, water-thinned; waterborne and waterproofing construction coating compns. materials)

IT Latex

(waterborne and waterproofing construction coating compns. materials)

IT Caseins, uses

Neoprene rubber, uses

RL: TEM (Technical or engineered material use); USES (Uses)

(waterborne and waterproofing construction coating compns. materials)

IT 9002-89-5, Poly(vinyl alcohol)

RL: MOA (Modifier or additive use); USES (Uses)

(emulsifying agent; waterborne and waterproofing construction coating compns. materials)

IT 1314-13-2, Zinc oxide, uses 13463-67-7, Titanium dioxide, uses

RL: MOA (Modifier or additive use); USES (Uses)

(filler; waterborne and waterproofing construction coating compns. materials)

IT 9010-98-4

RL: TEM (Technical or engineered material use); USES (Uses)

(neoprene rubber, waterborne and waterproofing construction coating compns. materials)

(FILE 'HOME' ENTERED AT 08:42:09 ON 05 APR 2003)

10/086902

L1 FILE 'CAPLUS' ENTERED AT 08:42:18 ON 05 APR 2003
L2 32289 S (SLACK OR MICROCRYSTALLINE OR OLEFINIC OR PARAFFIN) (P) WAX
L3 6463 S L1 AND WATER
L4 480 S L2 AND STEARIC ACID
21 S L3 AND (FUEL OR COAL OR DIESEL)

FILE 'STNGUIDE' ENTERED AT 08:43:47 ON 05 APR 2003

L5 FILE 'CAPLUS' ENTERED AT 08:57:26 ON 05 APR 2003
9 S L3 AND TITANIUM DIOXIDE

FILE 'STNGUIDE' ENTERED AT 08:58:17 ON 05 APR 2003

WC
ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1985:133737 CAPLUS

DN 102:133737

TI Water-emulsion shoe polish

IN Saltenite, D.; Paukstite, L.; Mickunas, J.; Laikov, J.

PA "Soyuzbytkhim" All-Union Enterprises, USSR

SO U.S.S.R.

From: Otkrytiya, Izobret. 1984, (40), 67.

CODEN: URXXAF

DT Patent

LA Russian

IC C09G001-08; C08L091-06

CC 42-11 (Coatings, Inks, and Related Products)

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 1121278	A1	19841030	SU 1983-3549788	19830204
PRAI	SU 1983-3549788		19830204		

AB Shoe polishes with increased **water** resistance and improved use properties contain Zn(OAc)₂ [557-34-6] 0.4-0.6, liq. poly(ethylsiloxane) 1.2-2.3, and turpentine 3-5% in addn. to brown **coal wax** 6.5-10.0, polyethylene [9002-88-4] **wax** 4.0-6.0, **paraffin** 4.0-6.0, ceresin 1.5-2.5, diethylethanolamine 1.2-2.3, **stearic acid** 3.0-3.5, Na pentachlorophenolate 0.05-0.07, dye 0.7-2.5, and fragrance 0.2-0.5%, with the remainder being **water**.

ST show polish **water** thinned; **water** resistance shoe polish; zinc acetate shoe polish; siloxane shoe polish; turpentine shoe polish; polyethylene **wax** shoe polish; **coal wax** shoe polish; **paraffin wax** shoe polish; emulsion shoe polish

IT Waterproofing

(of shoes, with wax emulsion polishes)

IT Shoes

(polishes for, wax-emulsion, with improved **water** resistance)

IT Turpentine

(wax emulsion polishes contg., with improved **water** resistance, for shoes)

IT Siloxanes and Silicones, uses and miscellaneous

RL: USES (Uses)

(di-Et, wax emulsion polishes contg., with improved **water** resistance, for shoes)

IT Polishing materials

(emulsions, wax, with improved **water** resistance, for shoes)

IT 557-34-6

RL: USES (Uses)

(wax emulsion polishes contg., with improved **water** resistance, for shoes)

IT 9002-88-4

RL: USES (Uses)

(wax, emulsion polishes based on, with improved **water** resistance, for shoes)

L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1990:443476 CAPLUS

DN 113:43478

TI Manufacture of emulsion explosive for coal mine

IN Bao, Guangyi

PA Fengfeng Mining Administration, Factory No. 607, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

IC ICM C06B031-28

ICS C06B029-02

CC 50-2 (Propellants and Explosives)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1031363	A	19890301	CN 1988-103816	19880627
	CN 1031401	B	19960327		
PRAI	CN 1988-103816		19880627		
AB	The title process comprises mixing liq. phase contg. NH4NO3, NaCl, urea, and surfactant 6503 with oil phase contg. <u>paraffin wax</u> , vaselin oil, <u>stearic acid</u> , pitch, <u>mineral oil</u> , and emulsifier Span-80 and sensitizing with NaNO2 and NH4NO3. NaCl replacing the NaNO3 oxidizer is 8.0-9.0% in the 1st grade and 10.0-11.0% in the 2nd grade coal mining explosive.				
ST	ammonium nitrate coal mine explosive; sodium chloride coal mine explosive; Span 80 coal mine explosive; sodium nitrite foaming explosive				
IT	Rosin				
	RL: PREP (Preparation) (additives, in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	Paraffin oils				
	Paraffin waxes and Hydrocarbon waxes, uses and miscellaneous				
	RL: USES (Uses) (emulsion explosive contg., sodium chloride in, for coal mine)				
IT	Emulsifying agents				
	Fuels, diesel (in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	Explosives				
	(emulsion, granulated, with blowability and high water resistance)				
IT	Pitch				
	(petroleum, emulsion explosive contg., sodium chloride in, for coal mine)				
IT	101994-18-7, ANFO				
	RL: USES (Uses) (blend of, with emulsion explosive, with blowability and high water resistance)				
IT	1338-43-8, Sorbitan monooleate				
	RL: USES (Uses) (emulsifier, in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	7632-00-0, Sodium nitrite				
	RL: USES (Uses) (foaming agent, in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	57-13-6, Urea, uses and miscellaneous 151-21-3, uses and miscellaneous				

6484-52-2, Ammonium nitrate, uses and miscellaneous 7631-99-4, Nitric acid sodium salt, uses and miscellaneous

RL: USES (Uses)

(in prepn. of granulated emulsion explosive, with blowability and high **water** resistance)

IT 7429-90-5, Aluminum, uses and miscellaneous

RL: USES (Uses)

(powder, in prepn. of granulated emulsion explosive, with blowability and high **water** resistance)

21, 41, 43, 44

ANSWER 7 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1999:551977 CAPLUS
 DN 131:159644
 TI Solid **fuel**
 IN Wen, Bailin
 PA Peop. Rep. China
 SO Faming Zhuanli Shengqing Gongkai Shuomingshu, 5 pp.
 CODEN: CNXXEV

DT Patent
 LA Chinese
 IC ICM C10L005-10
 CC 51-24 (Fossil Fuels, Derivatives, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1116650	A	19960214	CN 1994-111112	19940810
PRAI	CN 1994-111112		19940810		
AB	The solid fuel is composed of 95% ethanol 25-35, <u>stearic acid 8-15, paraffin 2-4, NaOH 2-4, NaCl 0.1, charcoal powder 20-45, anthracite coal 50-80, and water 15-25 wt. parts.</u>				
ST	solid fuel manuf				
IT	Anthracite Charcoal				
	RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)				
	(powder; solid fuel contg.)				
IT	Fuel briquets				
	(solid fuel compns.)				
IT	Alkanes, uses				
	<u>Paraffin waxes</u> , uses				
	RL: MOA (Modifier or additive use); USES (Uses)				
	(solid fuel contg.)				
IT	Fuels				
	(solid; solid fuel compns.)				
IT	57-11-4, Octadecanoic acid, uses 64-17-5, Ethanol, uses 1310-73-2, Sodium hydroxide, uses 7647-14-5, Sodium chloride, uses				
	RL: MOA (Modifier or additive use); USES (Uses)				
	(solid fuel contg.)				

41, 43

L7 ANSWER 33 OF 33 CAPLUS COPYRIGHT 2003 ACS
 AN 1968:31852 CAPLUS
 DN 68:31852
 TI Process for the preparation of an adhesive
 IN Poetzsch, Armin; Dittrich, Wolfgang
 SO Ger. (East), 2 pp.

CODEN: GEXXA8

DT Patent

LA German

IC C09J

CC 51 (Petroleum, Petroleum Derivatives, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 54048		19670220	DD	19660615
AB	An adhesive for shipping cartons consists of <u>6-15% oxidized paraffin</u> , <u>4-15% oxidized ceresin</u> , <u>1-3% of 20% NaOH soln.</u> , <u>20-50% water</u> , and 12-55% Na ₂ SiO ₃ . The <u>waxes</u> are saponified at 80-100.degree. with caustic to weakly alk. pH and dild. with water at 80-100.degree., the cold Na ₂ SiO ₃ added and the mixt. cooled.				
ST	ADHESIVES WAX BASED; WAX BASED ADHESIVES				
IT	Ceresin				
	Paraffins, uses and miscellaneous				
	RL: USES (Uses)				
	(adhesives contg. oxidized, for containers)				
IT	Containers				
	(adhesives for, manuf. of)				
IT	Adhesives, preparation				
	(for containers, contg. ceresin, sodium hydroxide, sodium silicate (Na ₂ SiO ₃) and oxidized paraffins)				
IT	1310-73-2, uses and miscellaneous 6834-92-0				
	RL: USES (Uses)				
	(adhesives contg. oxidized, for containers)				

15 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 1998:424105 CAPLUS

DN 129:99822

TI Cosmetic composition in the form of an emulsion containing a polymeric coloring agent

IN Lemann, Patricia; Mellul, Myriam

PA L'oreal, Fr.; Lemann, Patricia; Mellul, Myriam

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA French

IC ICM A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9826756	A1	19980625	WO 1997-FR2302	19971215
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2757049	A1	19980619	FR 1996-15452	19961216
	FR 2757049	B1	19990122		
	EP 951276	A1	19991027	EP 1997-952061	19971215
	EP 951276	B1	20020619		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 2000513002	T2	20001003	JP 1998-527389	19971215
	AT 219352	E	20020715	AT 1997-952061	19971215
PRAI	FR 1996-15452	A	19961216		
	WO 1997-FR2302	W	19971215		
AB	An emulsion, more particularly for makeup, contg. water , a fatty constituent selected among the optionally volatile oils and/or waxes and a polymeric coloring agent characterized in that the polymeric coloring agent is selected among the sulfopolyester, polyamide, polyurethane, polyacrylic polymers or their mixts. A mascara contained stearic acid 6, glyceryl stearate 3.7, a mixt. of waxes 16.7, preservatives 0.3, hydroxyethyl cellulose 0.2, triethanolamine 3, a blue polymeric coloring agent 10, ethoxydiglycol 0.2, acacia 5.8, and water q.s. 100%.				
ST	cosmetic emulsion mascara polymeric coloring agent				
IT	Fats and Glyceridic oils, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(Japan wax; cosmetic compn. in form of emulsion contg. polymeric coloring agent)				
IT	Glycosides				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(Me derivs.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)				
IT	Polysiloxanes, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(Me; cosmetic compn. in form of emulsion contg. polymeric coloring agent)				
IT	Fats and Glyceridic oils, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(avocado; cosmetic compn. in form of emulsion contg. polymeric coloring agent)				
IT	Beeswax				
	Emulsifying agents				
	Ozocerite				

(cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Acrylic polymers, biological studies

Candelilla wax

Carnauba wax

Corn oil

Cottonseed oil

Esters, biological studies

Hydrocarbon oils

Jojoba oil

Lanolin

Lysophospholipids

Montan wax

Olive oil

Paraffin oils

Paraffin waxes, biological studies

Peanut oil

Petrolatum

Polyamides, biological studies

Polysiloxanes, biological studies

Polyurethanes, biological studies

Rape oil

Soybean oil

Sunflower oil

Waxes

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics

(creams; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics

(emulsions; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics

(eye liners; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(fatty ester group-contg.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Alcohols, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(fatty, higher; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(fluoro; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Paraffin oils

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(isoparaffin oils; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics

(lipsticks; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics

(makeups; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
(mascaras; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Hydrocarbon waxes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(microcryst.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Fats and Glyceridic oils, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(mink; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Turtle (Testudines)
(oil of; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Waxes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(ouricury; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies
Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polyoxyalkylene-; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polyoxyalkylenes, biological studies
Polyoxyalkylenes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polysiloxane-; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
(powders; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Raisin
(seed oil; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Fats and Glyceridic oils, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sesame; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Glycerophospholipids
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(soya; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Waxes
Waxes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sugarcane; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polyesters, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sulfo-contg.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Sugarcane
Sugarcane

1. C
L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1999:705314 CAPLUS

DN 131:288479

TI Manufacture of heavy ANFO with water-resistant emulsion

IN Qu, Shijie; Sun, Changshou; Fang, Zilie

PA Beijing University of Science & Technology, Peop. Rep. China

SO Faming Zhuanli Shengqing Gongkai Shuomingshu, 8 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

IC ICM C06B045-00

ICS C06B031-28

CC 50-2 (Propellants and Explosives)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1137507	A	19961211	CN 1996-104685	19960419
	CN 1045428	B	19991006		

PRAI CN 1996-104685 19960419

AB The emulsive explosive comprises a discontinuous phase comprising NH4NO3 72-80, NaNO3 6-12, sodium lauryl sulfate 0.14-0.16, and water 2.7-3.0, and a continuous phase comprising emulsifying agent 1.5-2.2, crosslinking agent 1.6-2.2, paraffin 1.8-2.2, mineral wax 0.10-0.15, and sensitizing agent 0.1-2.0%. The emulsifying agent is using poly(isobutylene succinimide) as main component; the sensitizing agent is S powder or Al dust; the crosslinking agent is stearic acid. The manuf. process comprises dissolving NH4NO3, NaNO3, sodium lauryl sulfate in water at 125-135.degree. to give the oxidizer soln., dissolving emulsifying agent and crosslinking agent in the mixt. of paraffin and mineral wax at 120-130.degree., mixing the two solns. with the sensitizing agent under stirring for 6-10 min (the max. linear speed 16-20 m/s) to obtain an emulsion, and mixing the emulsion with ANFO warmed at .ltoreq.20-40.degree. under stirring.

ST emulsion explosive ANFO mixt manuf

IT Explosives
(emulsion; manuf. of heavy ANFO with water-resistant emulsion)

IT Paraffin waxes, uses

RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(in manuf. of heavy ANFO with water-resistant emulsion)

IT Hydrocarbon waxes, uses

RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(microcryst.; in manuf. of heavy ANFO with water-resistant emulsion)

IT 57-11-4, Octadecanoic acid, uses

RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(crosslinking agent; in manuf. of heavy ANFO with water-resistant emulsion)

IT 115-11-7D, Isobutylene, polymers with succinimide 123-56-8D, Succinimide, polymers with isobutylene 151-21-3, Sodium lauryl sulfate, uses

RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(emulsifier; in manuf. of heavy ANFO with water-resistant emulsion)

IT 7429-90-5, Aluminum, uses

RL: PEP (Physical, engineering or chemical process); TEM (Technical or

engineered material use); PROC (Process); USES (Uses)
 (fuel; in manuf. of heavy ANFO with water-resistant emulsion)

IT 7631-99-4, Sodium nitrate, uses 101994-18-7, ANFO
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
 (in manuf. of heavy ANFO with water-resistant emulsion)

IT 6484-52-2, Ammonium nitrate, uses
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
 (porous; in manuf. of heavy ANFO with water-resistant emulsion)

IT 7704-34-9, Sulfur, uses
 RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
 (sensitizing agent; in manuf. of heavy ANFO with water-resistant emulsion)